

# AV09-SAL

## Solar LED Area Light




### Applications

- Solar LED Area Light

The state-of-the-art Solar LED Area Light provides users with the perfect solution for lighting remote locations such as shelters, car parks and maintenance areas where connection to power grids is unfeasible.

### Features

- CE Certified 
- Solar powered
- No globes (LED technology)
- Independent from mains power
- Vandal-resistant battery enclosure
- Swing light-arm to allow custom light distribution during installation
- Adjustable ON time from 1 hour to dusk-till-dawn
- 5 domed LEXAN® luminaires each containing 1x 3watt ultra-high intensity surface-mounted LED for optimal area illumination (>120 degrees)
- 140watt multicrystalline solar module
- Adjustable light arm
- Galvanised post
- Anti-tamper fittings
- Battery section

### Ordering Information



Part Number: AV09-SAL

Light Arm Assembly:  
 1 = Single  
 2 = Dual

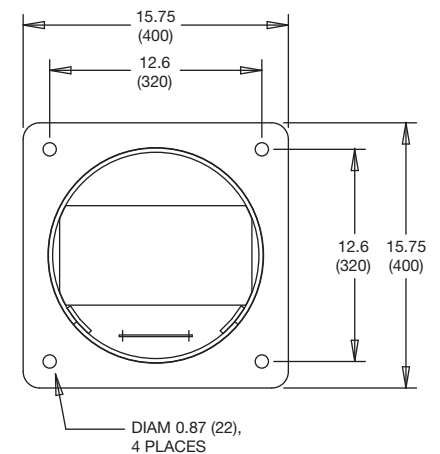
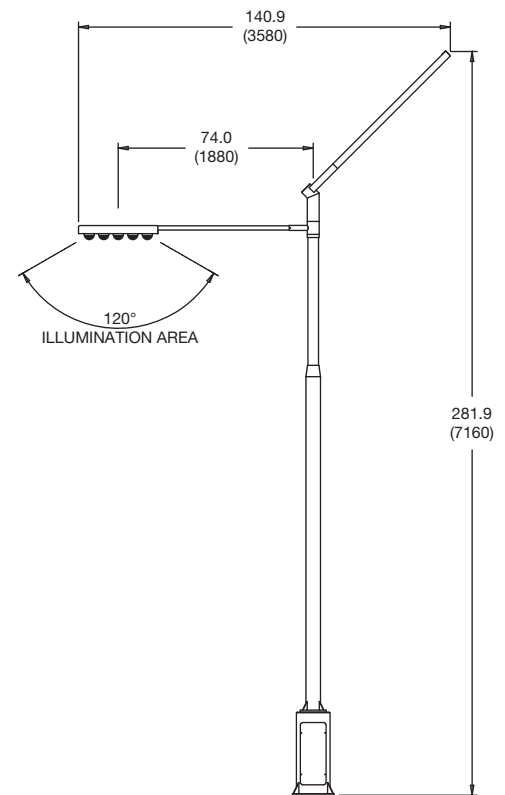
#### Options

Communication (One Selection Max.):  
 RF = RF Radio Control  
 GSM = GSM Cell-Phone Monitoring

## Specifications

Light Characteristics	
Light Source	5 domed LEXAN® luminaires each containing 1x 3 watt ultra-high intensity surface-mounted LED
Light Spread	Approx 120 degrees
LED Life Expectancy (hours)	>100,000
Electrical Characteristics	
Current Draw (mA)	1.15 (nominal)
Circuit Protection	Integrated
Operating Voltage (v)	12
Temperature Range	-40°F to +176°F (-40°C to +80°C)
Solar Characteristics	
Solar Module Type	Multicrystalline
Output (watts)	140watt
Solar Module Efficiency (%)	14
Charging Regulation	Integrated charge regulator
Power Supply	
Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	110Ah (2 x 55Ah batteries). Other options available on request.
Nominal Voltage (v)	12
Operation without sunlight (autonomy nights)	6
Physical Characteristics	
Body Material (domed luminaire)	LEXAN® Polycarbonate – UV stabilized
Lens Material	LEXAN® Polycarbonate – UV stabilized
Body Material (Post)	Mild steel (hot-dipped galvanised)
Mounting	4 x 22mm holes
Height (mm/inches)	7160 / 281 7/8
Weight (kg/lbs)	250 / 551
Product Life Expectancy	Up to 12 years

## Outline Drawing



**Dimensions:** inches (mm)  
**Instruction Manual:** Consult factory

Solar Aviation Light Products are manufactured by Avlite Systems, Victoria, Australia.

